SEQUENCE LISTING

<110> Bock, Susan C.
Picard, Veronique
Zendehrouh, Pedram

<120> Human Antithrombin IIIs and Methods Related Thereto

<130> Bock

<140> filed herewith
<141> 1999-05-05

<150> 60/085,197
<151> 1998-05-12

<160> 34

<170> PatentIn Ver. 2.0

<210> 1
<211> 9
<212> PRT
<213> Homo sapiens

<400> 1
Ser Thr Ala Leu Glu Ala Ile Gly Arg
1 5

<210> 2
<211> 9
<212> PRT
<213> Homo sapiens

<400> 2
Ser Thr Glu Val Glu Ala Ala Gly Arg
1 5

<210> 3
<211> 9
<212> PRT
<213> Homo sapiens

<400> 3
Ser Thr Ala Val Glu Ala Ala Gly Arg
1 5

<210> 4
<211> 9
<212> PRT
<213> Homo sapiens

<400> 4
Ser Thr Glu Gly Phe Phe Ser Gly Arg
1 5

<210> 5
<211> 9
<212> PRT
<213> Homo sapiens

<400> 5
Ser Thr Glu Gly Glu Ala Ser Gly Arg
1 5

<210> 6
<211> 9
<212> PRT
<213> Homo sapiens

<400> 6
Ser Thr Glu Gly Glu Gly Ser Gly Arg
1 5

<210> 7
<211> 9
<212> PRT
<213> Homo sapiens

<400> 7
Ser Glu Glu Gly Glu Ala Ser Gly Arg
1 5

<210> 8
<211> 9
<212> PRT
<213> Homo sapiens

<400> 8

Ser Glu Glu Gly Glu Gly Ser Gly Arg
1 5

<210> 9
<211> 9
<212> PRT
<213> Homo sapiens

<400> 9
Ser Thr Ala Val Glu Gly Ala Gly Arg
1 5

<210> 10
<211> 9
<212> PRT
<213> Homo sapiens

<400> 10
Ser Thr Glu Val Glu Gly Ala Gly Arg
1 5

<210> 11
<211> 9
<212> PRT
<213> Homo sapiens

<400> 11
Ser Thr Glu Leu Glu Gly Ala Gly Arg
1 5

<210> 12
<211> 9
<212> PRT
<213> Homo sapiens

<400> 12
Ser Thr Ala Leu Glu Gly Ala Gly Arg
1 5

<210> 13
<211> 9
<212> PRT
<213> Homo sapiens

<400> 13
Ser Thr Ala Glu Gly Gly Gly Gly Arg
1 5

<210> 14
<211> 9
<212> PRT
<213> Homo sapiens

<400> 14
Ser Thr Gln Thr Pro Pro Asn Gly Arg
1 5

<210> 15
<211> 9
<212> PRT
<213> Homo sapiens

<400> 15
Ser Thr Ala Val Phe Phe Ala Gly Arg
1 5

<210> 16
<211> 1525
<212> DNA
<213> Homo sapiens

<400> 16
gatcacacta tctccacttg cccagccctg tggaagatta gcggccatgt attccaatgt 60
gataggaact gtaacctctg gaaaaaggaa ggtttatctt ttgtccttgc tgctcattgg 120
cttctgggac tgcgtgacct gtcacgggag ccctgtggac atctgcacag ccaagccgcg 180
ggacattccc atgaatccca tgtgcattta ccgctccccg gagaagaagg caactgagga 240
tgagggctca gaacagaaga tcccggaggc caccaaccgg cgtgtctggg aactgtccaa 300
ggccaattcc cgctttgcta ccactttcta tcagcacctg gcagattcca agaatgacaa 360
tgataacatt ttcctgtcac ccctgagtat ctccacggct tttgctatga ccaagctggg 420
tgcctgtaat gacaccctcc agcaactgat ggaggtattt aagtttgaca ccatatctga 480
gaaaacatct gatcagatcc acttcttctt tgccaaactg aactgccgac tctatcgaaa 540
agccaacaaa tcctccaagt tagtatcagc caatcgcctt tttggagaca aatcccttac 600
cttcaatgag acctaccagg acatcagtga gttggtatat ggagccaagc tccagcccct 660
ggacttcaag gaaaatgcag agcaatccag agcggccatc aacaaatggg tgtccaataa 720
gaccgaaggc cgaatcaccg atgtcattcc ctcggaagcc atcaatgagc tcactgttct 780
ggtgctggtt aacaccattt acttcaaggg cctgtggaag tcaaagttca gccctgagaa 840
cacaaggaag gaactgttct acaaggctga tggagagtcg tgttcagcat ctatgatgta 900
ccaggaaggc aagttccgtt atcggcgcgt ggctgaaggc acccaggtgc ttgagttgcc 960

cttcaaaggt gatgacatca ccatggtcct catcttgccc aagcctgaga agagcctggc 1020
caaggtggag aaggaactca ccccagaggt gctgcaggag tggctggatg aattggagga 1080
gatgatgctg gtggttcaca tgccccgctt ccgcattgag gacggcttca gtttgaagga 1140
gcagctgcaa gacatgggcc ttgtcgatct gttcagccct gaaaagtcca aactcccagg 1200
tattgttgca gaaggccgag atgacctcta tgtctcagat gcattccata aggcatttct 1260
tgaggtaaat gaagaaggca gtgaagcagc tgcaagtacc gctgttgtga ttgctggccg 1320
ttcgctaaac cccaacaggg tgactttcaa ggccaacagg cccttcctgg tttttataag 1380
agaagttcct ctgaacacta ttatcttcat gggcagagta gccaaccctt gtgttaagta 1440
aaatgttctt attctttgca cctcttccta tttttggttt gtgaacagaa gtaaaaataa 1500
atacaaacta cttccatctc acatt 1525

<210> 17
<211> 36
<212> DNA
<213> Homo sapiens

<400> 17
accgcggaag gaggaggcgg ccgttcgcta aacccc 36

<210> 18
<211> 29
<212> DNA
<213> Homo sapiens

<400> 18
accgctgttt tcttcgccgg ccgttcgct 29

<210> 19
<211> 48
<212> DNA
<213> Homo sapiens

<400> 19
accgaaggtt tcttctctgg ccgttcttta aaccccaaca gggtgact 48

<210> 20
<211> 48
<212> DNA
<213> Homo sapiens

<400> 20
acccaaactt tcttcaacgg ccgaagctta aaccccaaca gggtgact 48

<210> 21
<211> 34
<212> DNA
<213> Homo sapiens

<400> 21
ctgcaagtac tgaaggtgaa gcttctggcc gttc 34

<210> 22
<211> 34
<212> DNA
<213> Homo sapiens

<400> 22
ctgcaagtac tgaaggtgaa ggttctggcc gttc 34

<210> 23
<211> 40
<212> DNA
<213> Homo sapiens

<400> 23
aagcagctgc tagcgaagaa ggtgaagctt ctggccgttc 40

<210> 24
<211> 40
<212> DNA
<213> Homo sapiens

<400> 24
aagcagctgc tagcgaagaa ggtgaaggtt ctggccgttc 40

<210> 25
<211> 32
<212> DNA
<213> Homo sapiens

<400> 25
ctgcaagtac tgctgttgaa ggtgctggcc gt 32

<210> 26
<211> 32
<212> DNA
<213> Homo sapiens

<400> 26
ctgcaagtac tgaggttgaa ggtgctggcc gt 32

<210> 27
<211> 32
<212> DNA
<213> Homo sapiens

<400> 27
ctgcaagtac tgagcttgaa ggtgctggcc gt 32

<210> 28
<211> 32
<212> DNA
<213> Homo sapiens

<400> 28
ctgcaagtac tgctcttgaa ggtgctggcc gt 32

<210> 29
<211> 32
<212> DNA
<213> Homo sapiens

<400> 29
ctgcaagtac tgctgttgag gctgctggcc gt 32

<210> 30
<211> 32
<212> DNA
<213> Homo sapiens

<400> 30
ctgcaagtac tgaggttgag gctgctggcc gt 32

<210> 31
<211> 18
<212> DNA
<213> Homo sapiens

<400> 31
tattgttgca gaaggccg 18

<210> 32
<211> 16
<212> DNA
<213> Homo sapiens

<400> 32
aacagctatg accatg 16

<210> 33
<211> 24
<212> DNA
<213> Homo sapiens

<400> 33
agcggataac aatttcacac agga 24

<210> 34
<211> 36
<212> DNA
<213> Homo sapiens

<400> 34
tagcgaacgg ccgatagcct caagagcggt acttgc 36